

AMENDMENTS TO THE CLAIMS

Listing of Claims:

1-11. (Cancelled)

12. (Previously presented) A method for producing animal feed preparations comprising combining astaxanthin-containing plants or parts of plants of the genus *Tagetes* or astaxanthin-containing extracts of astaxanthin-containing plants or parts of plants of the genus *Tagetes* and customary animal feed components.

13. (Previously presented) The method according to claim 12, wherein the astaxanthin-containing plants or parts of plants of the genus *Tagetes* or the astaxanthin-containing extracts of astaxanthin-containing plants or parts of plants of the genus *Tagetes* are, before combining with animal feed components, processed into a form which makes the combining with animal feed components possible.

14-29. (Cancelled)

30. (Previously presented) The method according to claim 12, wherein the astaxanthin-containing plants of the genus *Tagetes* have, by genetic manipulation, been made capable of producing astaxanthin.

31. (Previously presented) The method according to claim 12, wherein the plant parts used are flower heads or petals.